DVD Micro Theatre

MCD709

User manual

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PHILIPS

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General Information

Features

Your DVD Micro Theatre with 2.1 channel full digital amplifier creates the same dynamic sound qualities that you find in full-fledged cinemas and incorporates some of the best features in home theater technology.

Other features include:
Built-in Dolby Digital decoder, supporting Incredible Surround and DSC sound setting.

Additional Component Connections
Lets you connect other audio and audio/visual components to the DVD micro theatre.

Night mode
Lets you compress the dynamic range, reducing the difference in loudness between different sounds in Dolby Digital mode.

Parental Control (Rating Level)
Lets you set a ratings level so that your children cannot watch a DVD that has a rating higher than you set.

Sleep/Wake-up Timer
Enables the system to switch on/off automatically at a preset time.

Progressive Scan
Provides high quality flicker-free images for film based sources. When a picture refreshes, its vertical resolution can double to 525 lines.

Note:
To fully enjoy the progressive scan feature, you need a progressive scan TV.

Supplied accessories

- Remote control with two AAA batteries
- MW loop antenna
- FM wire antenna
- Audio (white, red) and composite video (yellow) cables (2-in-1)
- 2 front speakers
- 1 passive subwoofer including 1 subwoofer cable
- Control cable
- Stand for the DVD player and power amplifier
- This instruction booklet and a Quick Start Guide

If any item is damaged or missing, contact your retailer or Philips.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

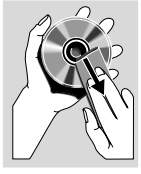
Installation

- Place the player on a flat, hard, and stable surface.
- In a cabinet, allow about 10cm (4 inches) of free space all around the player for adequate ventilation.

- Do not expose your player to extreme temperatures or humidity.
- The apparatus shall not be exposed to dripping or splashing.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, shall be placed on the apparatus.
- Install this unit near the AC outlet and where the AC power plug can be reached easily.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newpapers, table-cloths, curtains, et.

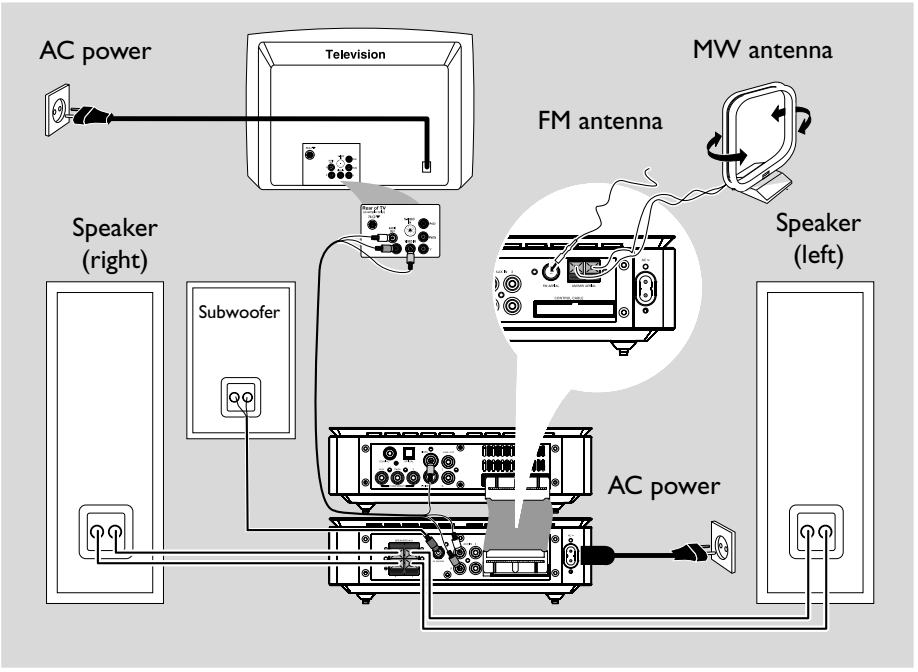
Maintenance

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out, in a straight line.
- Do not expose the player, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight). Always keep the disc tray closed to avoid dust on the lens.
- Do not use solvents such as benzene, thinner, commercially available cleaners, or anti-static spray intended for colour discs.



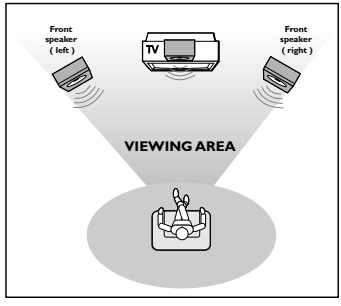
- The lens may cloud over when the player is suddenly moved from cold to warm surroundings, making it impossible to play a disc. Leave the player in the warm environment until the moisture evaporates.

Connections



IMPORTANT!
– The type plate is located at the bottom of the system.
– Before connecting the AC power cord to the wall outlet, ensure that all other connections have been made.
– The voltage selector located at the bottom of this system is preset at 220V-240V from the factory. For countries that operate at 110V-127V, please adjust to 110V-127V before you switch on the system.
– Never make or change any connections with the power switched on.

Step 1: Placing speakers

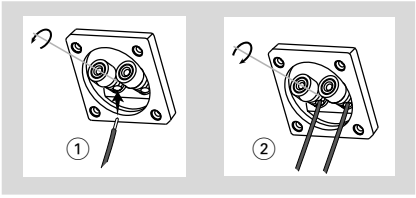


Place the front left and right speakers at equal distances from the TV set and at an angle of approximately 45 degrees from the listening position.

Notes:
-To avoid magnetic interference, do not position the front speakers too close to your TV set.
-Allow adequate ventilation around the DVD System.

Step 2: Connecting speakers

1. Connect the speaker wires to the SPEAKERS terminals, right speaker to "R" and left speaker to "L", coloured (marked) wire to "+" and black (unmarked) wire to "–". Fully insert the stripped portion of the speaker wire into the terminal as shown.



2. Connect the passive subwoofer to the SUBWOOFER terminal with the supplied subwoofer cable by matching the plug types.

Notes:

– Ensure that the speaker cables are correctly connected. Improper connections may damage the system due to short-circuit.

– For optimal sound performance, use the supplied speakers.

– Do not connect more than one speaker to any one pair of +/- speaker jacks.

– Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the SPECIFICATIONS section of this manual.

Step 3: Connecting the control cable

- Connect the serial port marked "**CONTROL CABLE**" at the rear of the DVD player to the same port at the rear of the power amplifier with the supplied flat control cable.

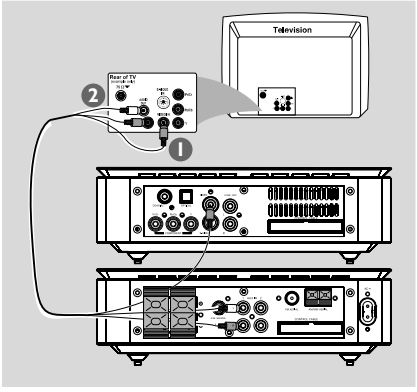
Step 4: Connecting TV

IMPORTANT!

– You only need to make one video connection from the following options, depending on the capabilities of your TV.

– Connect the DVD system directly to the TV.

Using Composite Video jack

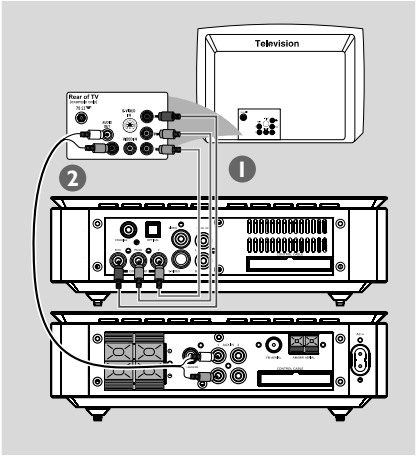


1. Use the composite video connectors (yellow) of the supplied audio and composite video cables (2-in1) to connect the DVD system's **VIDEO OUT** jack to the video input jack (or labeled as A/ V In, CVBS, Composite or Baseband) on the TV.
2. To hear the TV channels through this DVD system, use the audio connectors (white/ red) of the supplied audio and composite video cables (2-in1) to connect **AUDIO IN** jacks to the corresponding AUDIO OUT jacks on the TV.

Connections

Using Component Video jacks (Y Pb Pr)

IMPORTANT!
– The progressive scan video quality is only possible when using Y Pb Pr, and a progressive scan TV is required.

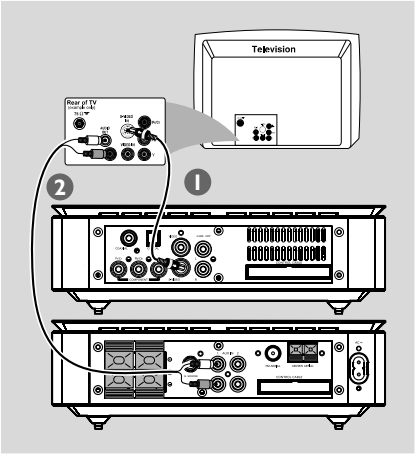


1. Use component video cables (red/blue/green - not supplied) to connect the DVD system's Y Pb Pr jacks to the corresponding Component video input jacks (or labeled as Y Pb/Cb Pr/Cr or YUV) on the TV.
2. To hear the TV channels through this DVD system, use the audio cables (white/red) to connect AUDIO IN-TV jacks to the corresponding AUDIO OUT jacks on the TV.
3. If you are using a Progressive Scan TV (TV must indicate Progressive Scan or ProScan capability), to activate TV Progressive Scan, please refer to your TV user manual. For DVD system Progressive Scan function, see "Getting Started-Setting up Progressive Scan feature".

Note:
– If your TV does not support Progressive Scan, you will not be able to view the picture.
*Press **SYSTEM** on the remote to exit the system menu and then **DISC** to exit progressive scan.*

Using S-Video jack

IMPORTANT!
– If S-Video is used for DVD playback connection, the system's VIDEO OUT setting will need to be changed accordingly.

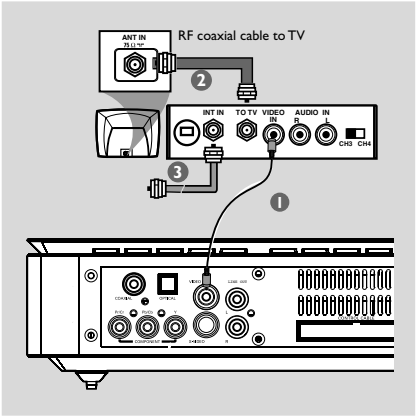


1. Use an S-Video cable (not supplied) to connect the DVD system's S-VIDEO jack to the S-Video input jack (or labeled as Y/C or S-VHS) on the TV.
2. To hear the TV channels through this DVD system, use the audio cables (white/red) to connect AUDIO IN-TV jacks to the corresponding AUDIO OUT jacks on the TV.

Using an accessory RF modulator

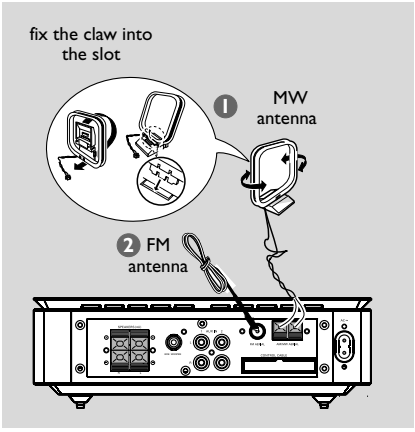
IMPORTANT!

– If your TV only has a single Antenna In jack (labeled as 75 ohm or RF In), you will need an RF modulator in order to view DVD playback on the TV. See your electronics retailer or contact Philips for details on RF modulator availability and operations.

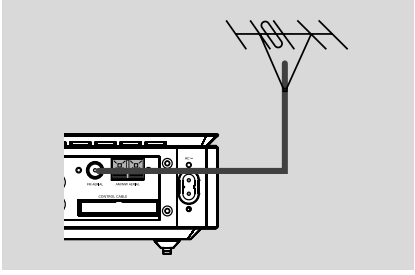


1. Use the composite video cable (yellow) to connect the DVD system's VIDEO OUT jack to the video input jack on the RF modulator.
2. Use an RF coaxial cable (not supplied) to connect ANTENNA OUT or TO TV jack on the RF modulator to the Antenna IN jack on the TV.
3. Connect the Antenna or Cable TV service signal to the ANTENNA IN or RF IN jack on the RF modulator. (It may have been connected to your TV previously. Disconnect it from the TV.)

Step 5: Connecting FM/MW antennas



1. Connect the supplied MW loop antenna to the MW jack. Place the MW loop antenna on a shelf or attach to a stand or wall.
2. Connect the supplied FM antenna to the FM (75 Ω) jack. Extend the FM antenna and fix its end to the wall.
   For better FM stereo reception, connect an external FM antenna (not supplied).



Note:

– Adjust the position of the antennas for optimal reception.

– Position the antennas as far as possible from your TV, VCR or other radiation source to prevent unwanted interference.

English

Step 6: Connecting the power cord

After everything is conec ted properly, plug in the AC power cord to the power outlet.

Never make or change any connection with the power switched on.

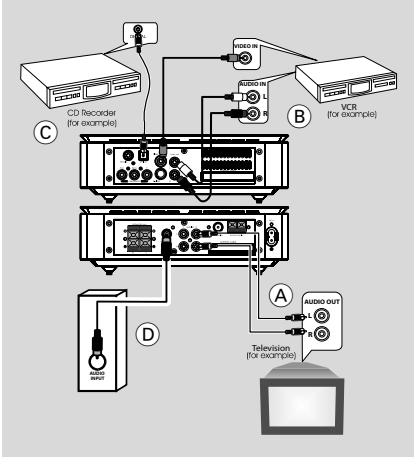
Additional: Connecting additional equipment

IMPORTANT!

– Some discs are copy-protected. You cannot record the disc through a VCR or digital recording device.

– When making connections, make sure the colour of cables matches the colour of jacks.

– Always refer to the owner's manual of the other equipment for complete connection and usage details.



Viewing and listening to the playback of other equipment Ⓐ

- Connect the system's **AUX IN (R/L)** jacks to the AUDIO OUT jacks on the other audio/visual device (such as a TV, VCR, Laser Disc player or cassette deck). Before starting operation, press **SOURCE** on the front panel to select AUX or press **AUX** on the remote in order to activate the input source.

Using the VCR for recording DVDs Ⓑ

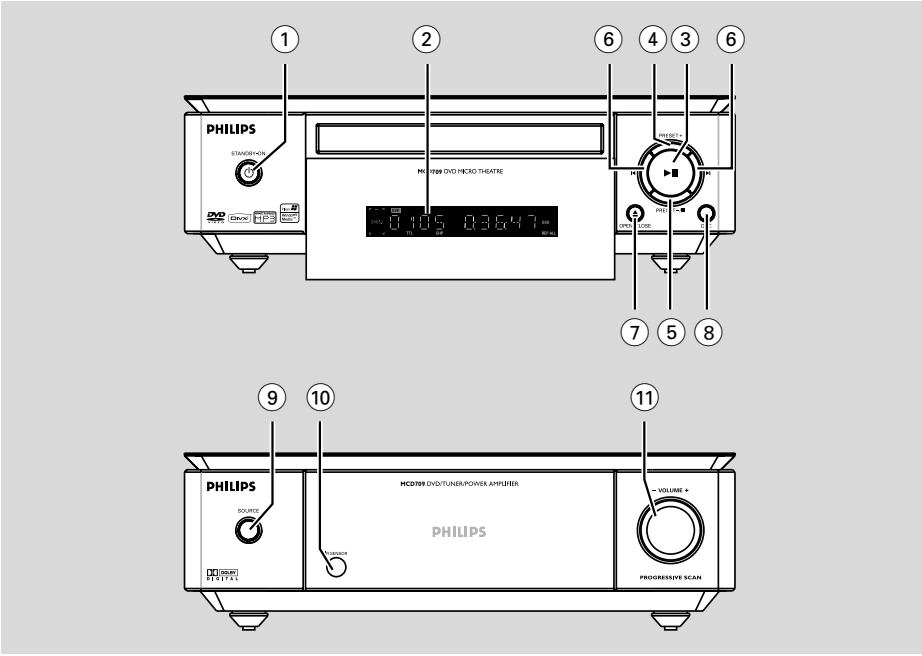
- Connect one of the system's **VIDEO** jacks to the corresponding VIDEO IN jack and **LINE OUT (R/L)** jacks to the AUDIO IN jacks on the VCR. This will allow you to make analogue stereo (two channel, right and left) recordings.

Recording (digital) Ⓒ

- Connect the system's **COAXIAL** or **OPTICAL** jack to the DIGITAL IN jack on a digital recording device.
  Before starting operation, set the DIGITAL OUT according to the audio connection. (See "DIGITAL OUT".)

Connecting an active subwoofer Ⓓ

- Connect the DVD micro system's **SUBWOOFER** jack to the AUDIO INPUT jack on an active subwoofer (not supplied).



DVD player and power amplifier

① **STANDBY-ON ⏻**
– switches the system on or to standby mode.

② **Display**
– shows the current status of the DVD player.

③ **▶II**
– starts or interrupts disc playback.

④ **PRESET +**
– in tuner mode, selects a preset radio station forward.

⑤ **PRESET-/■**
– stops disc playback or erases a program.
– in tuner mode, selects a preset radio station backward.

⑥ **⏮/⏭**
Disc:
– skips to the previous/next chapter/title/track.
Tuner:
– tunes to a higher/lower radio frequency.
– press and hold, then release the key to start automatic search for a radio frequency downward/upward.

⑦ **OPEN•CLOSE ⏏**
– opens or closes the disc tray.

⑧ **DSC**
– selects different types of preset sound equalizer settings (FLAT, POPS, JAZZ, CLASSIC or ROCK).

⑨ **SOURCE**
– selects the respective sound source: DVD/ AUX1/AUX2/FM/MW.
– switches the system on.

⑩ **IR SENSOR**
– point the remote control towards this sensor.

⑪ **VOLUME -/+**
– adjusts the volume upward/downward.
– adjusts the hours and minutes in clock/timer setting mode.
– switches the set timer ON or OFF.

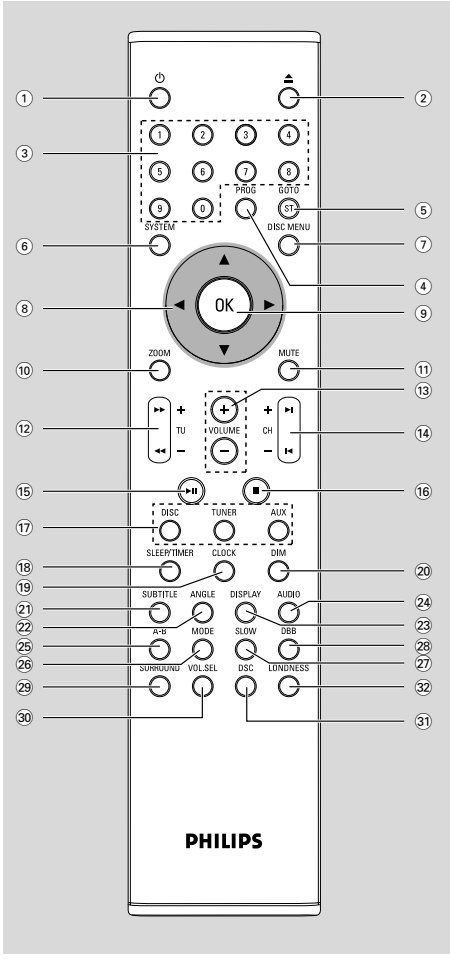
Functional Overview

Remote control

① ⏻
– switches the system on/ off.

② ⏏
– opens or closes the disc compartment

③ **Numeric Keypad (0-9)**
– inputs a track/title/chapter number of the disc.
– inputs the number of a preset radio station.



④ **PROG**
– **DVD/VCD/CD:** enters the program menu.
– MP3/WMA-CD: adds/deletes a programmed track to/from the program list.
– Picture CD: **during playback**, to select a slide show mode.
– **Tuner:** programs preset radio stations.

⑤ **GOTO/ST**
– **Disc:** fast searches in a disc by entering a time, title, chapter or track.
– **FM:** sets stereo or mono sound mode.

⑥ **SYSTEM (disc mode only)**
– enters or exits the system menu.

⑦ **DISC MENU (disc mode only)**
– DVD/VCD: enters or exits the disc contents menu.
– VCD2.0: switches the playback control mode on or off .
– MP3/WMA: switches between Album and Filelist.

⑧ ▼ / ▲ / ▶ / ◀
– selects an item in a menu.
– moves an enlarged picture up/down/left/right.

⑨ **OK**
– confirms a selection.

⑩ **ZOOM**
– DVD/VCD/Picture CD: enlarges or reduces a picture or active image on the TV screen.

⑪ **MUTE**
– disables or enables sound output.

⑫ **TU +/- (◀◀ / ▶▶)**

Tuner
- press to tune to a lower/higher radio frequency gradually.
- press and hold, then release the key to start automatic search for a radio frequency downward/upward.

Disc
- searches backward/forward in a disc at different speeds.

⑬ **VOLUME +/-**
- adjusts the volume upward/downward.
- adjusts the hours and minutes in clock/timer setting mode.
- switches the set timer ON or OFF.

⑭ **CH +/-** (⏮ / ⏭)
- **Disc:** skips to the previous/next chapter/title/track
- **Tuner:** selects a preset radio station.

⑮ **▶II**
- starts or interrupts disc playback.

⑯ **■**
- stops disc playback or erases a program.

⑰ **DISC/TUNER/AUX**
- selects the respective sound source for DVD/AUX1/AUX2/FM/MW.
- **For tuner (TUNER):** press to switch between MW and FM
- exits P-SCAN (progressive scan). (Only for **DISC**)

⑱ **SLEEP/TIMER**

Standby mode
- sets time for switching on the system automatically.

Power-on mode
- sets the sleep timer function (auto off).

⑲ **CLOCK**

Standby mode
- sets the system clock.

Playback mode
- displays the system clock.

⑳ **DIM**
- selects different levels of brightness for the display screen.

㉑ **SUBTITLE**
- selects a subtitle language.

㉒ **ANGLE**
- selects a DVD camera angle.

㉓ **DISPLAY**
- displays information on TV screen during playback

㉔ **AUDIO**

for VCD/DivX
- sets Stereo, Mono-Left or Mono-Right sound mode.

for DVD
- selects an audio language.

㉕ **A-B**
- repeats playback of a specific section on a disc.

㉖ **MODE**
- selects various repeat modes or the shuffle play mode for a disc.

㉗ **SLOW**
- selects different slow playback modes for a DivX/VCD/SVCD/DVD.

㉘ **DBB**
- enables or disables bass enhancement.

㉙ **SURROUND (unavailable for this version)**
- selects 2.1 channel output (2.1CH) or 5.1 channel output (SUR5.1 or DVD5.1).

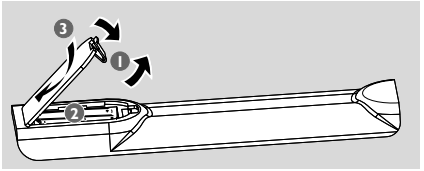
㉚ **VOL.SEL (unavailable for this version)**
- adjusts volume level for individual speakers.

㉛ **DSC**
- selects different types of preset sound equalizer settings (FLAT, POPS, JAZZ, CLASSIC or ROCK).

㉜ **LOUDNESS**
- enables or disables automatic loudness adjustment.

Getting Started

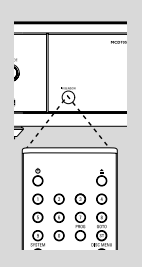
Step 1: Inserting batteries into the Remote Control



1. Open the battery compartment.
2. Insert two AAA batteries following the indications (+/-) inside the compartment.
3. Close the cover.

Using the Remote Control to operate the Player

1. Aim the Remote Control directly at the remote sensor (IR) on the front panel.
2. Do not put any objects between the Remote Control and the DVD Player while operating the DVD Player.



CAUTION!

– Remove batteries if they are exhausted or if the Remote Control is not being used for a long time.

– Do not use old and new or different types of batteries in combination.

– Batteries contain chemical substances, so they should be disposed of properly.

Step 2: Setting up the TV

IMPORTANT!

Make sure you have completed all the necessary connections. (See "Connecting TV").

1. Switch the DVD system on and then select DISC source. (See "**Switching the system on/off**").
2. Turn on the TV and set to the correct video-in channel. You should see the blue Philips DVD background screen on the TV.
   ➜ Usually these channels are between the lowest and highest channels and may be called FRONT, A/V IN, or VIDEO. See your TV manual for more details.
   ➜ Or, you may go to channel 1 on your TV, then press the Channel down button repeatedly until you see the Video In channel.
   ➜ Or, the TV Remote Control may have a button or switch that chooses different video modes.
   ➜ Or, set the TV to channel 3 or 4 if you are using an RF modulator.

Selecting the colour system that corresponds to your TV

This DVD Player is compatible with both NTSC and PAL. In order for a DVD disc to play on this Player, the colour system of the Disc, the TV and the DVD Player should match.

1. Press **SYSTEM** in full stop mode.
2. Press ◄ ► to select "Preference Page".
3. Use ◄ ► ▲ ▼ on the remote to navigate in the menu.

   Move to "TV Type" and press ►.
   ➜ **AUTO**: Select this if the connected TV is compatible with both NTSC and PAL (multi-system). The output format will be in accordance with the video signal of the disc.
   ➜ **NTSC**: Select this if the connected TV is NTSC system. It will change the video signal of a PAL disc and output in NTSC format.
   ➜ **PAL**: Select this if the connected TV is PAL system. It will change the video signal of a NTSC disc and output in PAL format.
4. Select an item and press **OK**.

Note:

– Before changing the current TV Type setting, ensure that your TV supports the selected TV Type.

To exit from the menu

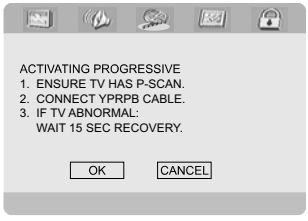
- Press **SYSTEM** again.

Setting up Progressive Scan feature (for Progressive Scan TV only)

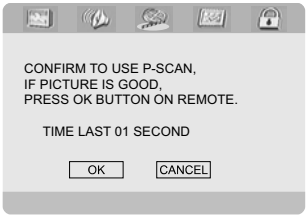
The progressive scan display twice the number of frames per seconds than interlaced scanning (ordinary normal TV system). With nearly double the number of lines, progressive scan offers higher picture resolution and quality.

IMPORTANT!
Before enabling the progressive scan feature, you must ensure:
1) Your TV can accept progressive signals, a progressive scan TV is required.
2) You have connected the DVD player to your TV using Y Pb Pr (see "Connections-Step 5: Connecting TV- Using Component Video jacks".)

1. Turn on your TV.
2. Turn off your TV progressive scan mode or turn on interlaced mode (refer to your TV user manual).
3. Press **STANDBY-ON** ⏻ (⏻ on the remote) to turn on the DVD player.
4. Select the correct Video Input channel.
   ➜ The DVD background screen appears on the TV.
5. Press **SYSTEM**.
6. Press ◄ ► repeatedly to select "**VIDEO SETUP PAGE**".
7. Select "**TV MODE**" to "**P-SCAN**", then **OK** to confirm.
   ➜ The instruction menu appears on the TV.



8. Press ◄ ► to highlight OK in the menu and press **OK** to confirm.
   There will be a distorted picture on your TV at this state until you turn on the progressive scan mode on your TV.
9. Turn on your TV progressive scan mode (refer to your TV user manual).
   ➜ The below menu appears on the TV.



10. Press ◄ ► to highlight OK in the menu and press **OK** to confirm.
    ➜ The setup is complete now and you can start enjoy the high quality picture.

To deactivate Progressive manually

- **When the distorted sign still appears on the TV**, it may be due to the connected TV does not accept progressive signals, and progressive is set by mistake. You must reset the unit to interlace format.

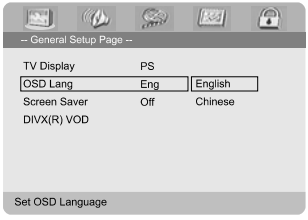
1. Turn off your TV progressive scan mode or turn on to interlaced mode (refer to your TV user manual).
2. Press **SYSTEM** on the remote to exit the system menu and then **DISC** to exit progressive scan.
   ➜ The DVD blue background screen will appear on the TV.

Note:
– During normal playback in the progressive scan mode, pressing DISC button will exit the progressive scan mode.

Step 3: Setting language preference

You can select your own preferred language settings. This DVD system will automatically switch to the selected language whenever you load a disc. If the language selected is not available on the disc, the disc's default language will be used instead. The OSD language in the system menu will remain once selected.

Setting the OSD Language



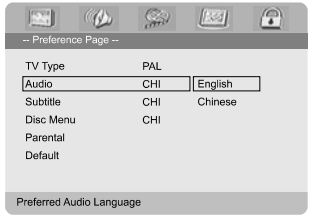
1. Press **SYSTEM**.
2. Press ◄ ► to select "General Setup Page".
3. Use ◄ ► ▲ ▼ on the remote to navigate in the menu.

   Move to "OSD Lang" and press ►.
4. Select a language and press **OK**.

To exit from the menu

- Press **SYSTEM** again.

Setting the Audio, Subtitle and Disc Menu language



1. Press **SYSTEM** in stop mode.
2. Press ◄ ► to select "Preference Page".
3. Press ▲ ▼ to highlight the following in the Preference Page.
   - "Audio" (disc's soundtrack)
   - "Subtitle" (disc's subtitles)
   - "Disc Menu" (disc's menu)
4. Enter its submenu by pressing ►.
5. Select a language and press **OK**.
6. Repeat steps 3~5 for other language settings.

To exit from the menu

- Press **SYSTEM** again.

Switching the system on/off

- Press **STANDBY-ON** ⏻ (⏻ on the remote).
  ➜ "HELLO" is displayed briefly. The system will switch to the last selected source.
- Press **DISC**, **TUNER** or **AUX** on the remote.
  ➜ The system will switch to the selected source.

To switch the system to standby mode

- Press **STANDBY-ON** ⏻ (⏻ on the remote).
  ➜ "BYE BYE" is displayed briefly. The interactive sound settings, last selected source and tuner presets will be retained in the player's memory.

Volume control

Turn **VOLUME (-/+)** clockwise or anticlockwise (or press **VOLUME +/-** on the remote) to increase or decrease the volume level.
➜ "VOL xx" is displayed on the display panel. "xx" denotes the volume level.

To switch off the volume temporarily

- Press **MUTE** on the remote.
  ➜ Playback will continue without sound and "MUTING" flashes.
- To activate sound reproduction, you can:
  – press **MUTE** again;
  – adjust the volume controls;
  – change source.

Sound control

DBB, DSC and LOUDNESS sound features cannot be activated at the same time.

DBB (Dynamic Bass Boost)

DBB enhances the bass response.

- Press **DBB** on the remote repeatedly to select DBB 1, DBB2 or DBB OFF.
  ➜ Some discs might be recorded in high modulation, which causes a distortion at high volume. If this occurs, switch off DBB or reduce the volume.

DSC (Digital Sound Control)

DSC provides a different type of preset sound equalizer setting.

- Press **DSC** on the systme or remote control repeatedly to select: FLAT, POPS, JAZZ, CLASSIC or ROCK.

LOUDNESS

LOUDNESS feature enables the system to automatically increase the treble and bass sound effect at low volume (the higher the volume, the lower the treble and bass increase).

- Press **LOUDNESS** on the remote to enable or disable LOUDNESS feature.
  ➜ 🔊 icon appears/disappears after this feature is enabled/disabled.

Dimming the display screen

- Press **DIM** repeatedly to select different levels of brightness for the display screen.

Disc Operations

IMPORTANT!

– Depending on the DVD or VIDEO CD, some operations may be different or restricted.

– Do not push on the disc tray or put any objects other than disc on the disc tray. Doing so may cause the disc player malfunction.

– If the inhibit icon (ø) appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.

Playable Discs

Your DVD Player will play:

– Digital Video Discs (DVDs)
– Video CDs (VCDs)
– Super Video CDs (SVCDs)
– Digital Video Discs + Rewritable (DVD+RW)
– Compact Discs (CDs)
– Picture (Kodak, JPEG) files on CDR(W)
– DivX(R) disc on CD-R(W):
– DivX 3.11, 4.x and 5.x
– WMA
– Supported MP3-CD format.
• ISO 9660 / UDF format
• Max. title/album name –12 characters
Max. title number plus album is 255.
• Max. nested directory is 8 levels.
• The max. album number is 32.
• The max. MP3 track number is 999.
• Supported sampling frequencies for MP3 disc: 32 kHz, 44.1 kHz, 48 kHz.
• Supported Bit-rates of MP3 disc are: 32, 64, 96, 128, 192, 256 (kbps).
– Following formats can't be supported
• The files like *.VMA, *.AAC, *.DLF, *.M3U, *.PLS, *.WAV
• Non-English Album/Title name
• The discs recorded under Joliet format
• MP3 Pro and MP3 with ID3 tag

Region Codes

DVDs must be labeled as shown below in order to play on this DVD system. You cannot play discs that are labeled for other regions.

Note:

– If you are having trouble playing a certain disc, remove the disc and try a different one. Improper formatted disc will not play on this DVD Player.

Playing discs

1. Connect the power cords of the system and TV (or any optional stereo or AV receiver) to a power outlet.
2. Turn on the TV power and set to the correct Video In channel. (See "**Setting up the TV**").
3. Press **STANDBY-ON** ⏻ on the DVD Player front panel or ⏻ on the remote.
➜ You should see the blue Philips DVD background screen on the TV.
4. Press **OPEN•CLOSE** to open the disc tray and load in a disc, then press the same button again to close the disc tray.
➜ Make sure the label side is facing up.
5. Playback will start automatically (depending on the disc type).
➜ If a disc menu appears on the TV, see "**Using the Disc Menu**".
➜ If the disc is locked by parental control, you must enter your four-digit password. (See "**Password Setup Page**").
6. At any time, simply press **PRESET-/■** (■ on the remote) to stop playback.

Using the Disc Menu

Depending on the disc, a menu may appear on the TV screen once you load the disc.

To select a playback feature or item

- Use ◄ ► ▲ ▼ and **OK** or **Numeric Keypad (0-9)** on the remote.
  ➜ Playback will start automatically.

To access or exit from the menu

- Press **DISC MENU** on the remote.

For VCD with Playback Control (PBC) feature (version 2.0 only)

PBC playback allows you to play Video CDs interactively, following the menu on the display.

- During playback, press **DISC MENU**.
  ➜ If PBC was ON, it will switch to OFF and continue playback.
  ➜ If PBC was OFF, it will switch to ON and return to menu screen.

Basic playback controls

Pausing playback (DVD/VCD/CD/MP3/DivX/WMA)

1. During playback, press ►II .
   ➜ Playback will pause and sound will be muted.
2. Press ►II again to resume.

Selecting a track/chapter/title (DVD/VCD/DivX/CD)

1. Press ▶| (**CH +** ▶| on the remote) during playback to go to the next chapter/track
2. Press |◀ (**CH -** |◀ on the remote) to go to the previous chapter/track.
3. To go directly to any chapter/track/title, enter the chapter/track/title number using the **Numeric Keypad (0-9)**.

Resuming playback from the last stopped point (DVD/VCD/CD)

- In stop mode and when a disc has not been removed, press ►II.

To cancel resume mode

- In stop mode, press **PRESET-/■** (■ on the remote) again.

Zoom (DVD/VCD/DivX/JPEG)

Zooming allows you to enlarge or reduce the video image during playback.

1. Press **ZOOM** repeatedly to enlarge or reduce the playback video image.
2. Press ◄ ► ▲ ▼ to pan across the TV screen.

Repeat (DVD/VCD/CD/MP3/DivX/WMA)

For DVD/VCD/CD

- Press **MODE** repeatedly to choose a repeat mode during playback.

CHAPTER (DVD)
– to repeat playback of the current chapter.

TRACK (CD/VCD)/TITLE (DVD)
– to repeat playback of the current track (CD/SVCD/VCD)/title (DVD).

ALL
– to repeat playback of all the disc.

SHUFFLE
– to repeat playback at random order.

For MP3/WMA/DivX

- Press **MODE** continuously to access different repeat modes.
  ➜ **Shuffle**: play all files in the selected folder in random order.
  ➜ **Repeat One**: play an MP3/WMA file repeatedly.
  ➜ **Repeat All**: play all files repeatedly.
  ➜ **Off**: switches off the shuffle or repeat mode.

Disc Operations

Repeat A-B (DVD/VCD/CD/MP3/DivX/WMA)

1. Press **A-B** at your chosen starting point.
2. Press **A-B** again at your chosen end point.
   ➜ The section A and B can be set only within the same chapter/track.
   ➜ The section will now repeat continuously.
3. To exit the sequence, press **A-B** again.

Slow Motion (DVD/VCD)

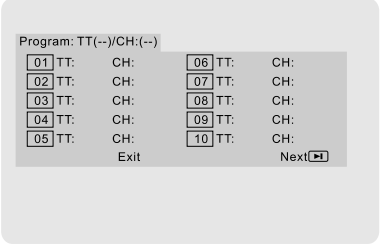
1. Press **SLOW** during playback to select the required speed: 1/2, 1/4, 1/8 or 1/16 (backward or forward).
   ➜ Sound will be muted.
2. To return to normal speed, press ▶II.

Note:
– *Slow backward is not possible on VCDs.*

Program (not for Picture CD)

To select favourite tracks/chapters for playback in preferred sequence.

For DVD/VCD/CD



(DVD program for example)

1. Press **PROG** on the remote to enter the program mode.
2. Use the **Numerical Keypad (0-9)** to directly input the tracks or chapters (single track number with digit "0" in front, for example "05").
3. Move the cursor by pressing ◀ ▶ ▲ ▼ to select **START**.
4. Press **OK** to start playback.

For MP3/WMA

1. In Stop mode, press **DISC MENU** to switch the menu between Album and Filelist.
2. When Filelist is on the screen, press ▲ ▼ to select the files and press **PROG** to add the files to the program list.
3. Press **DISC MENU** to display the program list.
4. Press **PROG** to delete unwanted files from the program list.

Forward/Reverse Searching (DVD/VCD/DivX/CD/MP3/WMA)

1. Press **TU +/-** (◀◀ ▶▶) during playback to select the required speed: 2X, 4X, 8X, 16X or 32X (backward or forward).
2. To return to normal speed, press ▶II.

Time search & search by chapter/track number (DVD/VCD/CD/MP3/WMA)

1. Press **GOTO/ST** until the time or chapter/track edit box appears.
2. Enter hours, minutes and seconds from left to right in the time edit box using remote control numerical keypad.

   OR

   Enter your desired chapter/track number in the chapter/track edit box using remote control numerical keypad.

Information display during playback (not for Picture CD)

- During playback, press **DISPLAY** to show disc information on the TV screen.

For DVD

➜ **Title/Chapter Elapsed**: displays the elapsed time of the current title/chapter.
➜ **Title/Chapter Remain**: displays the remaining time of the current title/chapter.
➜ **Display Off**: switches time display off.

For Super VCD/VCD/DivX/CD
➜ **Single/Total Elapsed**: displays the elapsed time of the current single/total track.
➜ **Single/Total Remain**: displays the remaining time of the current single/total track.
➜ **Display Off**: switches time display off.

Special disc features

Playing a Title (DVD)

1. Press **DISC MENU**.
   ➜ The disc title menu appears on the TV screen.
2. Use ◄ ► ▲ ▼ or **Numeric Keypad (0-9)** to select a play option.
3. Press **OK** to confirm.

Camera Angle (DVD)

- Press **ANGLE** repeatedly to select different desired angle.

Changing the Audio Language (for DVD recorded with multiple languages)

- Press **AUDIO** repeatedly to select different audio languages.

Changing the Audio Channel (for VCD /DivX only)

- Press **AUDIO** to select the available audio channels provided by the disc (Mono Left, Mono Right or Stereo).

Subtitles (DVD)

- Press **SUBTITLE** repeatedly to select different subtitle languages.

Playing MP3/WMA/JPEG Picture CD

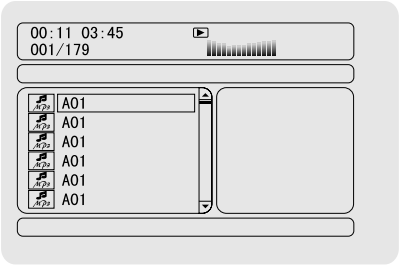
IMPORTANT!
You have to turn on your TV and set to the correct Video In channel. (See "Setting up the TV").

Playing MP3/WMA disc

IMPORTANT!
For DRM protected WMA files, use Windows Media Player 10 (or later) for CD burning/conversion. Visit www.microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).

General operation

1. Load an MP3/WMA disc.
   ➜ The data disc menu appears on the TV screen.
2. Use ▲ ▼ to select an album and press **OK** to open the album.



3. Press ▲ ▼ or use the **Numeric Keypad (0-9)** to highlight a track.
4. Press **OK** to confirm.
   ➜ The playback will start from the selected track to the end of the album.

Note:
– The disc reading time may exceed 10 seconds due to large number of songs compiled onto the disc.

Playback selection

During playback, you can:

- Press ⏮ / ⏭ (**CH +/-** ⏮ / ⏭ on the remote) to select another track in the current album.
- Press ▶❚❚ repeatedly to pause/resume playback.
- Press **DISC MENU** on the remote to switch between Album and Filelist.

Disc Operations

Playing JPEG Picture CD

General operation

1. Load a JPEG Picture CD.
   ➜ The data disc menu appears on the TV screen.
2. Use ▲ ▼ to select a folder and press **OK** to open the folder.
3. Press ▲ ▼ or use the **Numeric Keypad (0-9)** to highlight a picture file.
4. Press **OK** to confirm.
   ➜ The playback will start from the selected picture to the end of the folder.

Playback selection

During playback, you can:

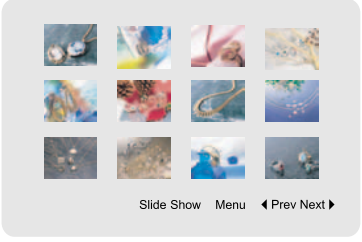
- Press ⏮ / ⏭ (**CH +/-** ⏮ / ⏭ on the remote) to select another file in the current folder.
- Use ◀ ▶ ▲ ▼ on the remote to rotate/flip the picture files.
- Press ▶II repeatedly to pause/resume playback.
- Press **DISC MENU** on the remote to switch between Folder and Filelist.

Special JPEG features

Preview function (JPEG)

This function shows the content of the current folder or the whole disc.

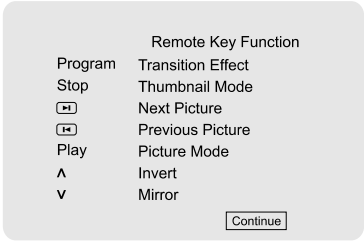
1. Press **PRESET-/■** (■ on the remote) during playback.
   ➜ Thumbnails of 12 pictures appears on the TV screen.



2. Use ◀ ▶ ▲ ▼ to highlight one of the pictures/ "Slide Show" and press **OK** to start playback/ slide show.

To enter the remote key function menu

- Use ◀ ▶ ▲ ▼ to highlight "Menu" and press **OK**.



To display the other pictures on the previous/next page

- Press ⏮ / ⏭ (**CH +/-** ⏮ / ⏭ on the remote).
- Use ◀ ▶ ▲ ▼ to highlight "Prev" or "Next" and press **OK**.

Zoom picture (JPEG)

- During playback, press **ZOOM** repeatedly to display the picture with different scales.
- Use ◀ ▶ ▲ ▼ to view the zoomed picture.

Slide show playback modes (JPEG)

- During playback, press **PROG** on the remote repeatedly to select different slide-show playback modes:

Mode 0: None
Mode 1: Wipe Top
Mode 2: Wipe Bottom
Mode 3: Wipe Left
Mode 4: Wipe Right
Mode 5: Diagonal Wipe Left Top
Mode 6: Diagonal Wipe Right Top
Mode 7: Diagonal Wipe Left Bottom
Mode 8: Diagonal Wipe Right Bottom
Mode 9: Extend From Center H
Mode 10: Extend From Center V
Mode 11: Compress To Center H
Mode 12: Compress To Center V
Mode 13: Window H
Mode 14: Window V
Mode 15: Wipe From Edge To Center
Mode 16: Move In From Top

Playback with multi-angles (JPEG)

- During playback, press ◀ ▶ ▲ ▼ to rotate the picture on the TV screen.
  ▲: flip the picture vertically.
  ▼: flip the picture horizontally.
  ◀: rotate the picture anti-clockwise.
  ▶: rotate the picture clockwise.

Playing a DivX disc

This DVD player supports the DivX movie playback that you download from your computer onto a CD-R/RW (see "System Menu Options-DIVX(R) VOD registration code" for more information).

1. Load a DivX disc.
   ➜ Playback will start automatically. If not press ▶II.
2. If the DivX movie contains external subtitles, the subtitle menu will appear on the TV screen for your selection.

- In this case, pressing **SUBTITLE** on the remote control will turn on or off the subtitle.
- If multilingual subtitles are embedded on the DivX disc, pressing **SUBTITLE** will change the subtitle language during playback.

Note:
– Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
– The subtitle filename have to be the same as the filename of the movie.

System Menu Options

Basic operations

1. Press **SYSTEM** to enter the Setup Menu.
2. Press ◄ ► to select a page to be set.
3. Press ▲ ▼ to highlight an option.
4. Enter its submenu by pressing ► or **OK**.
5. Move the cursor by pressing ▲ ▼ to highlight the selected item.
   ➜ **In cases of value setting**, press ◄ ► to adjust values.
6. Press **OK** to confirm.

To return to the upper-level menu

- Press ◄ or **OK** (in cases of value adjustment).

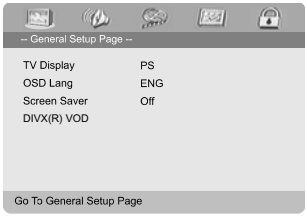
To exit from the menu

- Press **SYSTEM** again.
  ➜ The settings will be stored in the player's memory even if the player is switched off.

Note:
– Some of the features in the System Menu Options are described in "Getting Started".

General Setup Page

The options included in General Setup page are: "TV Display", "OSD Lang", "Screen Saver" and "DIVX(R) VOD".



TV Display

Set the aspect ratio of the DVD Player according to the TV you have connected.
➜ **Normal/PS** (panscan): If you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.

➜ **Normal/LB** (letterbox): If you have a normal TV. In this case, a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.

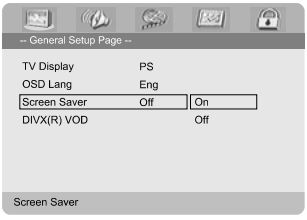
➜ **Wide**: If you have a wide-screen TV.

OSD Lang

See "Getting Started-Step 4: Setting language preference".

Screen Saver

This function is used to turn the screen saver on or off.



➜ **On**: In STOP, PAUSE or No DISC mode, if no actions are performed about 3 minutes, the screen saver will be activated.
➜ **Off**: Screen saver is disabled.

DIVX(R) VOD registration code

Philips provides you the DivX® VOD (Video On Demand) registration code that allows you to rent and purchase videos using the DivX® VOD service.
For more information, visit us at www.divx.com/vod.

1. In 'General Setup Page', press ▲ ▼ to highlight **DIVX(R) VOD**, then press ▶ or **OK** to ener its submenu and press **OK** again to confirm.
   ➜ The registration code will appear.

DivX(R) Video On Demand Registration
Your registration code is: BSIM8EHA
Please use this code to register this player with the DivX(R) Video On Demand service.
This will allow you to rent and pruchase videos using the DivX(R) Video On Demand format. To learn more go to www.divx.com/vod.
OK

2. Press **OK** to exit.
3. Use the registration code to purchase or rent the videos from DivX® VOD service at www.divx.com/vod. Follow the instructions and download the video onto a CD-R for playback on this DVD player.

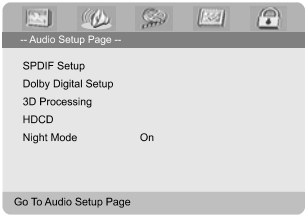
Notes:

– All the downloaded videos from DivX® VOD can only be played back on this DVD player.

– Time search feature is not available during DivX movie playback.

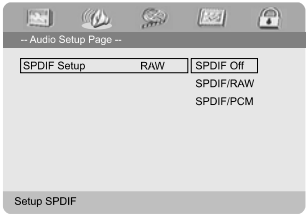
Audio Setup Page

The options included in Audio Setup page are: "SPDIF Setup", "Dolby Digital Setup", "3D Processing", "HDCD" and "Night Mode".



SPDIF Setup

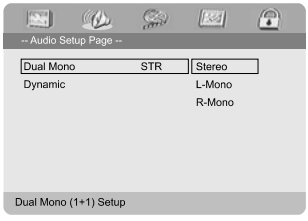
The options included in SPDIF (Sony/Phillips Digital Interface Format) Setup Page are: "SPDIF Off", "SPDIF/Raw" and "SPDIF/PCM".



➜ **SPDIF Off**: Turns off the SPDIF output.
➜ **SPDIF/Raw**: If you have connected your DIGITAL OUT (COAXIAL or OPTICAL) to a multi-channel decoder/receiver.
➜ **SPDIF/PCM**: Only if your receiver is not capable of decoding multi-channel audio.

Dolby Digital Setup

The option included in Digital Audio Setup is: "Dual Mono".



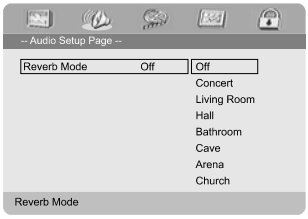
Dual Mono

Select the setting that matches the number of speakers you have connected.
➜ **Stereo**: Left mono sound will send output signals to Left speaker and Right mono sound will send output signals to Right speaker.
➜ **L-Mono**: Left mono sound will send output signals to Left speaker and Right speaker.
➜ **R-Mono**: Right mono sound will send output signals to Left speaker and Right speaker.

System Menu Options

3D Processing

The option included in 3D Processing is: "Reverb Mode".

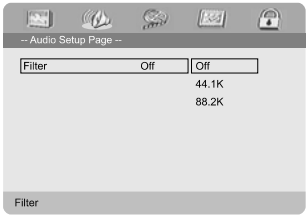


Reverb Mode

Reverb mode provides a virtual surround sound experience using just two speakers.
➜ **Off**, **Concert**, **Living Room**, **Hall**, **Bathroom**, **Cave**, **Arena** and **Church.**

HDCD

The option included in HDCD (High Definition Compatible Digital) is: "Filter".



Filter

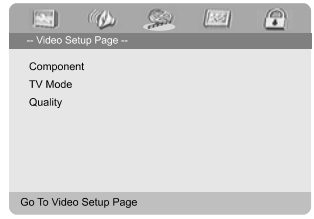
Sets the audio output cutoff frequency point when playing an HDCD disc.
➜ **Off**, **44.1K** and **88.2K**.

Night Mode

In this mode, the high volume outputs are softened and low volume outputs are brought upward to an audible level. It is useful for watching your favourite action movie without disturbing others at night.
➜ **On**: Select this to level out the volume. This feature is only available for movies with Dolby Digital mode.
➜ **Off**: Select this when you want to enjoy the surround sound with its full dynamic range.

Video Setup Page

The options included in Video Setup page are: "Component", "TV Mode" and "Quality".



Component

Sets the video output according to your video connection. This setting is not required if you are using the **VIDEO OUTPUT** jack (yellow) to connect the DVD micro system to your TV.
➜ **Pr/Cr Pb/Cb Y**: Select this if you have connected the DVD micro system to your TV using Component video jacks.
➜ **S-Video**: Select this if you have connected the DVD micro system to your TV using S-Video jack.

TV Mode

Selects interlace or P-SCAN video output mode when **Pr/Cr Pb/Cb Y** is selected.
➜ **P-SCAN** and **Interlace**.

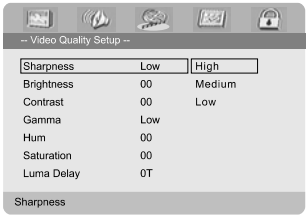
In the progressive scan mode, you can enjoy the high quality picture with less flickers. It only works when you have connected the DVD player's Y Pb Pr jacks to your TV that supports the progressive video input. Otherwise, a distorted picture will appear on the TV. For proper progressive scan set up, see page 50-51.

Quality

This menu helps you to set the video quality.

1. Press ▲ ▼ to highlight "Quality".
2. Press ▶ or **OK** to enter Video Quality Setup.

The options included in Video Quality Setup page are: "Sharpness", "Brightness", "Contrast", "Gamma", "Hue", "Saturation" and "Luma Delay".



Sharpness
Adjusts the sharpness level.
➜ **High**, **Medium** and **Low**.

Brightness
Adjusts the brightness level. Range: -20-+20.

Contrast
Adjusts the contrast level. Range: -16-+16.

Gamma
Adjusts the gamma level.
➜ **High**, **Medium**, **Low** and **None**.

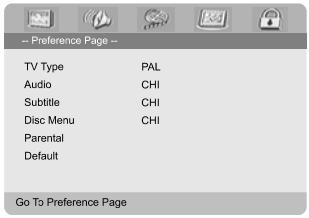
Hue
Adjusts the hue level. Range: -9-+9.

Saturation
Adjusts the saturation level. Range: -9-+9.

Luma Delay
Adjusts the luma delay.
➜ **0 T** and **1 T**.

Preference Page

The options included in Preference page are: "TV Type", "Audio", "Subtitle", "Disc Menu", "Parental" and "Default".

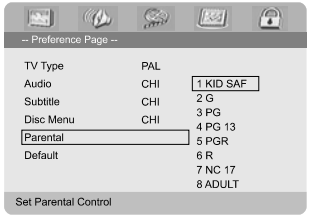


Note:
– Preference features can be selected only during "No Disc" condition or full STOP mode.

Parental

Some DVDs may have a parental level assigned to the complete disc or to certain scenes on the disc. This feature lets you set a playback limitation level.

The rating levels are from 1 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.



- VCD, SVCD and CD have no level indication, so parental control function has no effect on those kinds of discs. This applies to most illegal DVD discs.

1. Press ▲ ▼ to highlight "Parental".
2. Enter its submenu by pressing ▶.
3. Use ▲ ▼ to highlight a rating level for the disc inserted.

System Menu Options

➜ DVDs that are rated above the level you selected will not play unless you enter your four-digit password and choose a higher level rating.

Note:
– Some DVDs are not encoded with a rating though the movie rating may be printed on the Disc cover. The rating level feature does not work for such Discs.

Rating explanations

1 KID SAF
– Kids material; recommended especially for children and viewers of all ages.

2 G
– General Audience; recommended as acceptable for viewers of all ages.

3 PG
– Parental Guidance suggested.

4 PG 13
– Material is unsuitable for children under age 13.

5-6 PGR, R
– Parental Guidance - Restricted; recommended that parents restrict children under 17 from viewing or allow to view only when supervised by a parent or adult guardian.

7 NC-17
– No children under age 17; not recommended viewing for children under age 17.

8 Adult
– Mature materials; should be viewed only by adults due to graphic sexual material, violence or language.

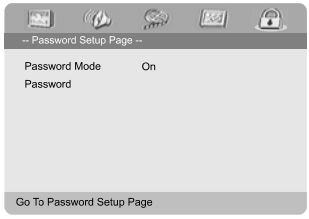
Default

Setting the "Default" function will reset all options and your personal settings to the factory defaults and all your personal settings will be erased.

Caution!
– When this function is activated, all settings will be reset to factory defaults.

Password Setup Page

The options included in Password Setup page are: "Password Mode" and "Password".



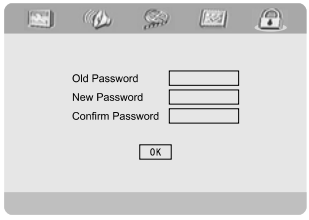
Password Mode

This feature is used to enable/disable password by selecting "ON"/"OFF".

Password

Enter your four digit password when a hint is displayed on the screen. The default password is 1234.

1. Press ▲ ▼ to highlight "Password".
2. Enter its submenu by pressing ▶.
3. Press **OK** to open the page for inputting a new password.



4. Enter the existing 4-digit code.
5. Enter the new 4-digit code.
6. Enter the new 4-digit code a second time to confirm.
   ➜ The new 4-digit code will take effect.
7. Press **OK** to exit.

Notes:
– If the password has been changed, the parental and disc lock code will also be changed.
– The default password (1234) is always active even the password has been changed.

Radio Reception

Tuning to radio stations

1. Press **STANDBY-ON**⏻ (⏻ on the remote) to switch on the last selected source.
2. Press **SOURCE** (**TUNER** on the remote) to select TUNER mode.
3. Press **TUNER** on the remote again to select the desired band: FM or MW.
4. Press and hold ⏮ / ⏭ (**TU +/-** ◀◀ ▶▶ on the remote) until the frequency indication starts to change, then release.
   ➜ The system automatically tunes to the next strong radio station.

- To tune to a weak station, press ⏮ / ⏭ (**TU +/-** ◀◀ **/** ▶▶ on the remote) briefly and repeatedly until an optimal reception is found.

5. Repeat Step 4 if necessary until you find the desired radio station.

Presetting radio stations

You can preset up to 40 stations (20 in each band) regardless of the reception.

Automatic progamming

- Press **PROG** on the remote for more than two seconds to activate programming.
  ➜ All available stations are programmed.

Manual progamming

1. Tune to your desired radio station (refer to "Tuning to radio stations").
2. Press **PROG** on the remote.
   ➜ "PROG" icon flashes.
3. Press **PRESET+** or **PRESET-/■** (or **CH +/-** (⏮ / ⏭) on the remote) to select the desired preset number.
   ➜ If "PROG" icon goes off before you select the desired preset number, press **PROG** on the remote.
4. Press **PROG** on the remote again to store the radio station.

- Repeat steps 1-4 to store other radio stations.

Listening to preset radio stations

- In tuner mode, press **PRESET+** or **PRESET-/■** (or **CH +/-** (⏮ / ⏭) on the remote) to select the desired preset number.
  ➜ The preset number, radio frequency, and waveband are displayed.

Setting the clock

1. In Standby mode, press and hold **CLOCK** on the remote until the time flashes on the display.
   ➜ "CLOCK SET" is displayed briefly. Then, the hour digits flash on the display screen.
2. Turn **VOLUME -/+** clockwise or anticlockwise or press **VOLUME +/-** on the remote to set the hours.
3. Press **CLOCK** to confirm.
   ➜ The minute digits flash on the display screen.
4. Turn **VOLUME -/+** clockwise or anticlockwise or press **VOLUME +/-** on the remote to set the minutes.
5. Press **CLOCK** again to confirm the clock setting.

Notes:

– This system only supports 24-hour mode.

– The clock setting will be erased when the system is disconnected from the power supply.

– The system will exit clock setting mode if no button is pressed within 30 seconds.

Other Functions

Setting sleep/wake-up timer

Sleep timer setting

In power-on mode, the sleep setting enables the system to switch to standby mode automatically at a preset time.

1. In power-on mode, press **SLEEP/TIMER** on the remote repeatedly to select a preset time.
   ➜ The selections are as follows (time in minutes):
   00 ➜ 10 ➜ 20 ➜ 30 ➜ 40 ➜ 50 ➜ 60 ➜ 70 ➜ 80 ➜ 90 ➜ 00
2. When you reach the desired length of time, stop pressing **SLEEP/TIMER**.
   ➜ "SLEEP" appears.

To deactivate the sleep timer

- Press **SLEEP/TIMER** repeatedly until "00" is displayed, or press **STANDBY ON** ⏻ (⏻ on the remote).

In standby mode, the timer setting enables the system to switch on automatically at a set time.

Wake-up timer setting

IMPORTANT!
– Before setting the timer, ensure that the clock is set correctly.

1. Press and hold **SLEEP/TIMER** until the time flashes on the display.
   ➜ "TIME SET" scrolls. Then, the hour digits flash on the display screen.
2. Turn **VOLUME -/+** clockwise or anticlockwise or press **VOLUME -/+** on the remote to set the hours.
3. Press **SLEEP/TIMER** to confirm.
   ➜ The minute digits flash on the display screen.
4. Turn **VOLUME -/+** clockwise or anticlockwise or press **VOLUME -/+** on the remote to set the minutes.
5. Press **SLEEP/TIMER** to confirm the time setting.
   ➜ "OFF" flashes on the display screen.
6. Turn **VOLUME -/+** clockwise or anticlockwise or press **VOLUME -/+** on the remote to select "ON".
   ➜ ◴ icon appears on the display screen.

To deactivate the timer

- Select "OFF" at Step 6.

SYSTEM

Power supply ..... 110 – 127 / 220 – 240 V; ..... 50/60 Hz Switchable
Rated working power consumption (1/8 rated output power) ..... ≤ 55W
AUX input sensitivity ..... ≤ 350mV
Channel Separation ..... ≥ 40dB
Distortion 0.7%

DVD

Frequency response ..... 100Hz-20kHz (±1dB)
Video output ..... 1 V_{P-P}
Horizontal definition ..... ≥ 500 (TV)
Dimensions ..... 232 (W) x 75.5 (H) x 223.5 (D) mm
Weight ..... 1.85 kg

AMPLIFIER

Rated output power (THD = 10%) .... 380W(4Ω)
Frequency response ..... 100Hz-20kHz (±1dB)
S/N Ratio ..... ≥ 60dB
Loaded impedance ..... 4 Ω
Dimensions ..... 232 (W) x 75.5 (H) x 223.5 (D) mm
Weight 4.1kg

TUNER

FM Frequency range ..... 87.5-108 MHz
FM Noise limit sensitivity ..... ≤ 20μ V/M
FM S/N ..... ≥ 46dB
MW Frequency range ..... 531-1602 kHz
MW Noise limit sensitivity ..... ≤ 3.0μ V/m
MW S/N ..... ≥ 40dB

SPEAKERS

Front Speakers

Impedance ..... 4 Ω
Sensitivity ..... 80 ± 4dB
Frequency response 80Hz-16kHz
Dimensions 132 (W) x 1012 (H) x 132 (D) mm
Weight ..... 6.6 kg/each

Subwoofer

Subwoofer (not magnetically shielded design) .... 8"
Impedance ..... 8 Ω
Dimensions (w x h x d) .... 255 mm x 338 mm x 426 mm
Weight ..... 10.6 kg

REMOTE

Distance 6m
Angle ..... ± 30^0

Specifications subject to change without prior notice

Troubleshooting

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
No power.	✔ Check if the AC power cord is properly connected. ✔ Press STANDBY ON ⏻ on the top of the DVD micro system or ⏻ on the remote to turn on the power.
No picture.	✔ Check if the TV is switched on. ✔ Check the video connection. ✔ Press SOURCE on the top of the DVD player repeatedly to select "DVD" or press DISC on the remote. ✔ Set your TV to the correct Video In channel. This channel is usually near channel 00. Or, you may have a button on the TV remote control that selects Auxiliary or A/V IN channel. See your TV owner's manual for details. Or, change channels at the TV until you see DVD screen on the TV. ✔ If the progressive scan feature is activated but the connected TV does not support progressive signals or the cables are not connected accordingly, see page 50-51 for proper progressive scan setup or deactivate the progressive scan feature as below: 1) Turn off your TV progressive scan mode or turn on to interlaced mode. 2) Press SYSTEM on the remote to exit the system menu and then DISC to exit progressive scan.
Distorted or poor picture.	✔ Sometimes a small amount of picture distortion may appear. This is not a malfunction. ✔ Clean the disc.
Completely distorted picture or black/ white picture.	✔ TV has a colour system standard. If the disc's or DVD system's colour system is different than your TV's colour system, the picture may be distorted or colourless.

The aspect ratio of the screen cannot be changed even though you have set the TV shape.	✔ The aspect ratio is fixed on the DVD disc. ✔ Depending on the TV, it may not be possible to change the aspect ratio.
No sound or distorted sound.	✔ Adjust the volume. ✔ Check that the speakers are connected correctly. ✔ Replace the speaker cables. ✔ Disconnect the headphones. ✔ The system is in pause, slow motion or fast forward/reverse mode, press PRESET/ ▶II (or ▶II on the remote) to resume normal play mode.
The micro DVD player does not start playback.	✔ Insert a readable disc with the playback side facing down. ✔ Check the disc type, colour system and regional code. Check for any scratches or smudges on the disc. ✔ Press SYSTEM MENU to turn off the setup menu screen. ✔ Cancel the parental control rating function or change the rating level. ✔ Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour.
The DVD micro system does not respond when the buttons are pressed.	✔ Disconnect the power plug from the outlet and insert again.
Cannot activate some features, such as Angles, Subtitles, or multi-language Audio.	✔ Multi-language sound or subtitle is not recorded on the DVD. ✔ Changing the language for the sound or subtitle is prohibited on the DVD. ✔ The features may not be available on the disc.
Considerable noise in radio broadcasts.	✔ Tune in to the correct frequency. ✔ Connect the antennas. ✔ Fully extend the FM wire antenna. Position for best reception and secure to a wall. ✔ Connect an outdoor FM or MW antenna. ✔ Adjust the direction and position for best reception. ✔ Place the antenna farther away from any equipment that may be causing the noise. ✔ Increase the distance between the system and your TV or other equipment.

Troubleshooting

The remote control does not function.	✔ Select the correct source (DISC or TUNER, for example) before pressing the function button. ✔ Point the remote control at the remote sensor of the unit. ✔ Reduce the distance to the player. ✔ Remove any possible obstacles. ✔ Replace the batteries with new ones. ✔ Check that the batteries are loaded correctly.
The display is dark.	✔ Press DIM again.
Low hum or buzz sound.	✔ Place the DVD micro system as far away as possible from electrical devices that may be causing interference.
Low bass response.	✔ Check all speakers for correct polarity.
Unable to select Progressive Scan	✔ Check that the output of the video signal is switched to 'Pr/Cr Pb/Cb Y'.

Analog: Sound that has not been turned into numbers. Analog sound varies, while digital sound has specific numerical values. These jacks send audio through two channels, the left and right.

Aspect ratio: The ratio of vertical and horizontal sizes of a displayed image. The horizontal vs. vertical ratio of conventional TVs. is 4:3, and that of wide-screens is 16:9.

AUDIO OUT Jacks: Jacks on the back of the DVD System that send audio to another system (TV set, Stereo, etc.).

Bit Rate: The amount of data used to hold a given length of music; measured in kilobits per second, or kbps. Or, the speed at which you record. Generally, the higher the bit rate the better the sound quality. However, higher bit rates use more space on a Disc.

Chapter: Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

Component Video Out Jacks: Jacks on the back of the DVD System that send high-quality video to a TV set that has Component Video In jacks (R/G/B, Y/Pb/Pr, etc.).

Disc menu: A screen display prepared for the selection of images, sound, subtitles, multi-angles, etc recorded on a DVD.

Digital: Sound that has been converted into numerical values. Digital sound is available when you use the DIGITAL AUDIO OUT COAXIAL or OPTICAL jacks. These jacks send audio through multiple channels, instead of just two channels as analog does.

Dolby Digital: A surround sound system developed by Dolby Laboratories containing up to six channels of digital audio (front left and right, surround left and right and center).

DTS: Digital Theater Systems. This is a surround sound system, but different from Dolby Digital. The formats were developed by different companies.

JPEG: A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio.

MP3: A file format with a sound data compression system, "MPE" is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. Through the MP3 format, one CD-R or CD-RW can contain about 10 times as much data volume as a regular CD can.

Multichannel: DVD is specified to have all sound tracks constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

Parental control: A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level.

PCM (Pulse Code Modulation): A system for converting analog sound signal to digital signal for later processing without data compression.

Playback control (PBC): Refers to the signal recorded on video CDs or SVCDs for reproduction control. By using screen menus recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive-type software as well as software having a search function.

Progressive Scan (P-Scan): It displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution. A progressive scan TV set is needed to receive progressive scan output from the system.

Region code: A system allowing discs to be played only in preset regions. This unit will only play discs that have compatible region codes. You can find the region code of your unit from the product label. Some discs are compatible with more than one region (or ALL regions).

S-Video: Produces a clear picture by sending separate signals for luminance and the color. You can use S-Video only if your TV set has S-Video In jack.

Sampling Frequency: Frequency of data sampling when analog data is converted to digital data. Sampling frequency numerically represents how many times the original analog signal is sampled per second.

Surround: A system for users to create realistic three-dimensional sound fields full of realism by arranging multiple speakers around the listener.

Title: The longest section of a picture or music feature on DVD, music, etc., in video software, or the entire album in audio software. Each title is assigned a title number enabling you to locate the title you want.

VIDEO OUT jack: Jack on the back of the DVD System that sends video to TV.